

ABSTRACT

**METHODS AND APPARATUS FOR MEASURING THE POWER
SPECTRUM OF OPTICAL SIGNALS**

- A method of measuring a power spectrum of an optical signal
- 5 transmits the optical signal through an optical fiber. A power of at least one wavelength of the optical signal is coupled from a first mode to a second mode of the waveguide. The power of the optical signal coupled from the first mode to the second mode is measured at a detector.